IN THE CLAIMS:

Please amend the claims as follows:

- 1. (Original) An electrical connection device between a first conducting track and a second conducting track of an integrated circuit comprising a first conducting connection between the first track and the second track, the first track having a first interface with the first connection and a second interface with an insulating material laterally surrounding the first track, said second interface being substantially parallel to a flow direction of an electric current in the first track, the first track further comprising at least one additional interface with an insulating material, placed at a distance from the first connection which is substantially less than a width of the first track at the first interface.
- 2 (Original) A device according to Claim 1, wherein the additional interface comprises a surface of a rib of insulating material included in the first track.
- 3. (Original) A device according to Claim 2, wherein the rib is parallel to the flow direction of an electric current in the first track.

ATTORNEY DOCKET NO. STMI07-02174 U.S. SERIAL NO. 10/714,442

PATENT

4. (Original) A device according to Claim 3, wherein the additional interface

comprises surfaces of several ribs of insulating material included in the first track, parallel to each

other and to the flow direction of an electric current in the first track.

5. (Original) A device according to Claim 4, comprising several connections between

the first track and the second track, and wherein at least two interfaces between the first track and

two respective connections are separated by at least one rib included in the first track.

6. (Original) A device according to Claim 2, wherein the rib included in the first track

cross the first track between two opposite faces of the first track, in a direction perpendicular to the

first track and to the second track.

7. (Original) A device according to Claim 1, wherein the second track comprises at

least one rib of insulating material placed at some distance from the first connection which is

substantially less than a width of the second track at its interface with the first connection.

8. (Original) A device according to Claim 7, wherein the second track comprises

several ribs of insulating material parallel to each other and to a flow direction of an electric current

in the second track.

-3-

ATTORNEY DOCKET NO. STMI07-02174 U.S. SERIAL NO. 10/714,442

PATENT

9. (Original) A device according to Claim 5, wherein the second track also comprises

several ribs of insulating material parallel to each other and to a flow direction of an electric current

in the second track, and wherein at least two interfaces between the second track and the two

respective connections are separated by at least one rib included in the second track.

10. (Original) A device according to Claim 7, wherein the rib included in the

second track cross the second track between two opposite faces of the second track.

11. (Original) A device according to Claim 1, wherein the additional interface

comprises faces of notches inserted between portions of the second interface.

12. (Original) A device according to Claim 11, wherein the faces of notches inserted

between portions of the second interface are substantially perpendicular to the flow direction of

electric current in the first track.

13. (Original) A device according to Claim 11, further comprising a second conducting

connection between the first track and the second track placed at some distance from the first

connection which is substantially less than the width of the first track at the first interface.

-4-

ATTORNEY DOCKET No. STMI07-02174 U.S. SERIAL No. 10/714,442

PATENT

14. (Original) A device according to Claim 1, wherein the insulating material includes

silicon atoms.

15. (Original) A device according to Claim 1, wherein the insulating material includes

carbon and fluorine atoms.

16. (Original) A device according to Claim 1, wherein at least one of the materials of

the first track, of the second track or of the connection or connections is based on copper, aluminum,

silver or an alloy containing at least one of the above metals.

17. (New) An electrical connection device between a first conducting track and a

second conducting track of an integrated circuit comprising a first conducting connection between

the first track and the second track, and at least one additional second conducting connection

between the first track and the second track, wherein said at least one additional second conducting

connection is placed at a distance from the first conducting connection that is substantially less than

a width of the first track.

-5-

ATTORNEY DOCKET No. STMI07-02174 U.S. SERIAL No. 10/714,442

PATENT

18. (New) A device according to Claim 17 wherein the first conducting connection has

a first interface with the first track that receives a first portion of elementary voids that diffuse within

the first track and wherein the second conducting connection has a second interface with the first

track that receives a second portion of elementary voids that diffuse within the first track.

19. (New) A device according to Claim 17 comprising a plurality of additional

conducting connections placed along the width of the first track.

20. (New) A device according to Claim 17 comprising a plurality of additional

conducting connections placed along the first track in a direction of the flow of electric current

through the first track.

-6-